

EAST Search History**EAST Search History (Prior Art)**

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|---|------------------|---------|------------------|
| S66 | 0 | (protection switch\$3) and (unable near5 (repair\$3 or fix) near5 (fault\$1 or failure\$1)) with (forward\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S65 | 0 | (protection switch\$3) and (unable near5 bypass\$3) with (forward\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S64 | 9 | (nest\$3) near3 (protection\$1 switch\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S63 | 12 | (nest\$3 or multi-layer\$1) near3 (protection\$1 switch\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S62 | 45 | S61 and S40 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S61 | 72 | S60 and S43 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S60 | 245 | (multiple\$1 or plural\$3) near2 (redundanc\$3 or backup\$1 or protection\$1) same (protection switch\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S59 | 19 | S57 same S40 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S58 | 0 | S57 same (line card\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |

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| S57 | 792 | (multiple\$1 or plural\$3) near2 (backup\$1 or protection\$1) with (fail\$4 or fault\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S56 | 1 | S40 and S55 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S55 | 169 | "2:N" | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S54 | 94 | S53 and S43 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S53 | 815 | (line card\$1) near3 (manag\$6 or supervis\$3 or arbitrat\$3 or maintenanc\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S52 | 28 | S51 and S43 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S51 | 286 | (router\$1 or switch\$2 or fabric\$1) with (discover\$3 or handshak\$3 or negotiat\$3 or identif\$7) with (line card\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S50 | 19 | (data bus\$2) with (regist\$7 or discover\$3) near3 (card\$1 or component\$1 or device\$1 or peripheral\$1) with (available or usable or ready) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S49 | 17 | (data bus\$2) with (regist\$7 or discover\$3) near3 (card\$1 or component\$1 or device\$1) with (available or usable or ready) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S48 | 2224 | (data bus\$2) same (regist\$7 or discover\$3) near3 (card\$1 or component\$1 or device\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |

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| S47 | 2867 | (bus\$2) near2 (data\$1) same (regist\$7 or discover\$3) near3 (card\$1 or component \$1 or device\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S46 | 23 | S45 and S43 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S45 | 69 | (detect\$3 or monitor\$3 or sens\$3) near5 (fail\$3 or fault \$3) same (rerout\$3 or fix\$3 or switch\$3) near7 (working or new or other or protection) near2 (path\$1 or link\$1 or line\$1) same3 (card \$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S44 | 98 | S42 and S43 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S43 | 14426 | (370/216-218,221-222,225-228,229-230.1,235).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/16 15:24 |
| S42 | 202 | S40 and S41 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S41 | 700 | (detect\$3 or monitor\$3 or sens\$3) near5 (fail\$3 or fault \$3) same (rerout\$3 or fix\$3 or switch\$3) near7 (working or new or other or protection) near2 (path\$1 or link\$1 or line\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S40 | 26514 | (aps.u/c. or automatic protection switch\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S39 | 5 | (module\$1 or component\$1) near5 (within or inside\$1 or compris\$3) near5 (device\$1 or apparatus\$1 or node\$1) with (register\$3 or registr\$5) with (notif\$7) with (network \$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S38 | 0 | S37 and S35 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |

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| S37 | 54 | (module\$1 or component\$1) near5 (within or inside\$1 or compris\$3) near5 (device\$1 or apparatus\$1 or node\$1) with (register\$3 or registr\$5) with (notif\$7) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S36 | 57 | S34 and S35 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S35 | 14426 | (370/216-218,221-222,225-228,229-230.1,235).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/16 15:24 |
| S34 | 147 | (protect\$3 switch\$3) with (monitor\$3 or detect\$3) with (notif\$7 or indicat\$3 or inform\$3) with (fault or fail\$3 or condition\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S33 | 38 | (APS or automatic protect\$3 switch\$3) and (detect\$3 or monitor\$3) same (protect\$3 or failover\$1 or recover\$1 or switch\$3) near3 (notif\$7 or inform\$3) same (working\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S32 | 53 | S30 and S31 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S31 | 14426 | (370/216-218,221-222,225-228,229-230.1,235).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/16 15:24 |
| S30 | 107 | (APS or automatic protect\$3 switch\$3) same3 (detect\$3 or monitor\$3) same3 (protect\$3 or failover\$1 or recover\$1 or switch\$3) near3 (notif\$7 or inform\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S29 | 19 | (switch\$3 fabric\$1) same3 (protect\$3 switch\$3) same3 (detect\$3 with (notif\$7 or inform\$3)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S28 | 151 | S25 and S27 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S27 | 8626 | (sonet with aps) or (bip or bundled interfaces protection) or (RPR with protect\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |

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| S26 | 6 | S23 and S25 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S25 | 13180 | (detect\$3 or monitor\$3 or protect\$3) with (fail\$3 or fault \$3) with (notif\$7 or inform \$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S24 | 0 | S18 and S23 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S23 | 142 | (switch\$3 adj2 fabric\$1) near3 (device\$1 or apparatus \$2) with (plural\$3 or multiple \$1) near3 (switch\$2) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S22 | 0 | (switch\$3 adj2 fabric\$1) near3 (device\$1 or apparatus \$2) with (plural\$3 or multiple \$1) near3 (protector\$1 or selector\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S21 | 102 | S20 and (@ad< "20040302" or @pd< "20040302" or @prad< "20040302" or @rlad< "20040302") | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S20 | 141 | S19 and (protection switch \$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S19 | 480 | S1 and S18 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S18 | 4861 | (detect\$3 or monitor\$3 or protect\$3) with (fail\$3 or fault \$3) with (switch\$2 or device \$1 or node\$1 or device\$1 or apparatus\$1) with (notif\$7 or inform\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S17 | 81 | S16 and S13 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |

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| S16 | 1529 | S1 and S15 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S15 | 15356 | (detect\$3) near5 (fault\$3 or fail\$7) near5 (switch\$2 or router\$1 or node\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S14 | 16 | S13 and S10 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S13 | 376 | (regist\$6 or inform\$7) with (protect\$3 near2 switch\$3) with (condition\$1 or fail\$7 or fault\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S12 | 149 | S11 and S1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S11 | 460 | S10 and S6 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S10 | 1553 | (switch\$3 or mov\$3) with (backup\$1 or failover\$1) near3 (path\$1 or link\$1 or node\$1 or router\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S9 | 155 | S8 and (@ad< "20040302" or @pd< "20040302" or @prad< "20040302" or @rlad< "20040302") | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S8 | 210 | S7 and S1 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S7 | 559 | S6 and S4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |

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| S6 | 27168 | (notif\$7 or inform\$5) with (node\$1 or switch\$2 or router\$1) with (condition\$1 or fail\$7 or fault\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S5 | 424 | S1 and S4 | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S4 | 2294 | (detect\$3) near5 (condition\$1 or fail\$4 or fault\$3) same (protect\$3 near3 switch\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S3 | 0 | (protectS3 near switch\$3) and ((node or switch or router) with (regist\$6 or establish\$3) with (detectS3 or protectS3 or monitorS3 or manageS4)) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S2 | 0 | (protectS3 near switch\$3) with (notify\$3 or forwardS3 or informS3 or pass\$3) near5 (respons\$5 or switch\$3) | US-PGPUB; USPAT; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | OFF | 2010/12/16 15:24 |
| S1 | 14426 | (370/216-218,221-222,225-228,229-230.1,235).CCLS. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/16 15:24 |
| S67 | 1 | ("7590701").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2010/12/16 15:51 |
| S70 | 18 | S68 and S69 | US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB | ADJ | OFF | 2010/12/16 16:46 |
| S69 | 21867 | protection\$3 near5 switch\$3 | US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB | ADJ | OFF | 2010/12/16 16:46 |
| S68 | 4380 | (request\$3 or register\$3 or registration or ask\$3) with (notif\$7 or alert\$3) with (condition\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB | ADJ | OFF | 2010/12/16 16:46 |
| S71 | 76 | S68 and S1 | US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB | ADJ | OFF | 2010/12/16 17:11 |
| S72 | 1054 | (component\$1 or module\$1 or portion\$1) with (request\$3 or ask\$3 or indicat\$3) with (notif\$7 or inform\$3 or told\$1 or alert\$3) with (condition\$1) | US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB | ADJ | OFF | 2010/12/16 17:19 |

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| S73 | 7 | S72 same (network near3 (switch\$2 or router\$1 or node \$1)) | US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB | ADJ | OFF | 2010/12/16 17:20 |
| S74 | 39 | S68 same (network near3 (switch\$2 or router\$1 or node \$1)) | US-PGPUB; USPAT; FPRS; EPO; JPO; IBM_TDB | ADJ | OFF | 2010/12/16 17:27 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--|-------------|------------------|---------|------------------|
| L1 | 2 | ((protect\$3 near3 switch \$3) and (register\$3) and (notif\$7) and (detect\$3)).clm. | USPAT; UPAD | ADJ | OFF | 2010/12/17 19:06 |
| L2 | 14 | ((condition\$1) and (register\$3) and (notif\$7) and (detect\$3) and (protect\$3)).clm. | USPAT; UPAD | ADJ | OFF | 2010/12/17 19:07 |
| L3 | 0 | ((condition\$1) and (register\$3) and (notif\$7) and (detect\$3) and (protect\$3 near2 switch \$3)).clm. | USPAT; UPAD | ADJ | OFF | 2010/12/17 19:09 |

12/17/2010 7:10:26 PM

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